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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 9045-2CT

DATE: March 10, 2000

**UTILITY PATENT APPLICATION TRANSMITTAL LETTER
AND FEE TRANSMITTAL FORM (37 CFR 1.53(b))**


BOX PATENT APPLICATION

 Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is:

- ☐ a patent application
☒ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP)
of prior application no.: 09/283,702; filed April 1, 1999 which claims priority from provisional application no. 60/080,629; filed April 3, 1998.
☒ A Small Entity Statement(s) was filed in the prior application; Status still proper and desired.

Inventor(s) or Application Identifier:

David W. Barry, residing at Chapel Hill, NC; Carolyn S. Underwood, residing at Cary, NC; Bruce J. McCreedy, residing at Raleigh, NC; David D. Hadden, residing at Durham, NC; Jason L. Lucas, residing at West Chester, PA

 Entitled: **SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR GUIDING THE
SELECTION OF THERAPEUTIC TREATMENT REGIMENS**

Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ 55 pages of Specification (including 69 claims as originally filed; but after Preliminary Amendment entered only 66 claims)
3. ☒ 22 new sheets of Formal Drawings (35 USC 113) and 21 sheets of Formal Drawings as originally filed in parent
4. ☒ Oath or Declaration
 - a. ☐ newly executed (*original or copy*)
 - b. ☒ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*) [Note Box 5 Below]
 - c. ☐ **DELETION OF INVENTOR(S)** (*Signed statement deleting inventor(s) named in the prior application*)
5. ☒ Incorporation By Reference (*useable if box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (*Appendix*)
7. ☒ Assignment papers (*cover sheet(s) and document(s)*) Filed in parent application
8. ☐ Small Entity Statement(s)

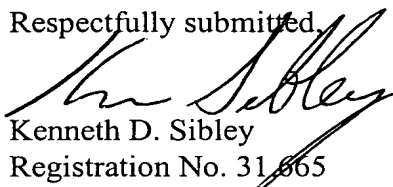
9. ☐ Information Disclosure Statement, PTO-1449, and references cited
10. ☒ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)
11. ☐ English Translation Document
12. ☐ Certified Copy of
13. ☐ Sequence Listing/ Sequence Listing Diskette
- a. ☐ computer readable copy
- b. ☐ paper copy
- c. ☐ statement in support
14. ☐ An Associate Power of Attorney
15. ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
16. ☐ Other:

The fee has been calculated as shown below:

	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate Fee	Large Entity Rate Fee
BASIC FEE			\$345.00	\$690.00
TOTAL CLAIMS	66 - 20 =	46	x 09 = \$414	x 18 = \$108.00
INDEP CLAIMS	3 - 3 =	0	x 39 = \$0	x 78 = \$0
<input type="checkbox"/> MULTIPLE Dependent Claims Presented			+ 130 = \$0	+ 260 = \$
If the difference in Col. 1 is less than zero, Enter "0" in Col. 2			Total \$759	Total \$868.00

- ☒ A check in the amount of \$759.00 to cover the filing fee is enclosed.
- ☐ A check in the amount of \$ is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00).
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

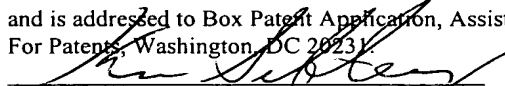

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CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EL533609481US
Date of Deposit: March 10, 2000

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Patent Application, Assistant Commissioner For Patents, Washington, DC 20231.


Kenneth D. Sibley
Date of Signature: March 10, 2000